

Case No. : <u>GTS20250721010-10-02</u>	
Ambient Condition: <u>25</u> °C, <u>47</u> %RH,	
Test Date: <u>2025.7.24-2025.8.05</u>	Test Engineer: <u>Evan ouyang</u>

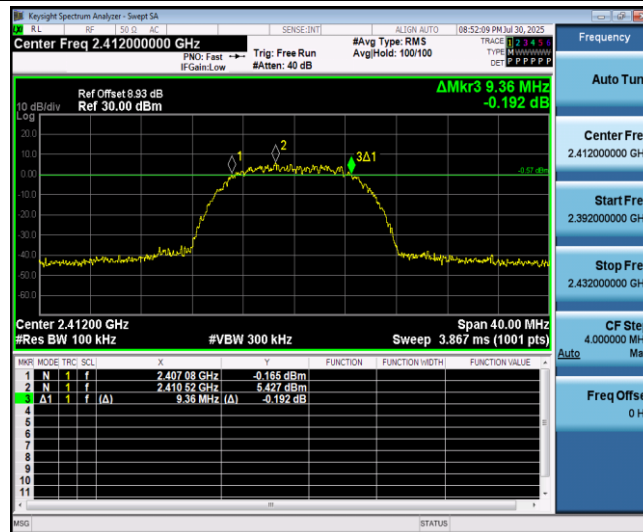
Appendix B.1: DTS Bandwidth

Test Result

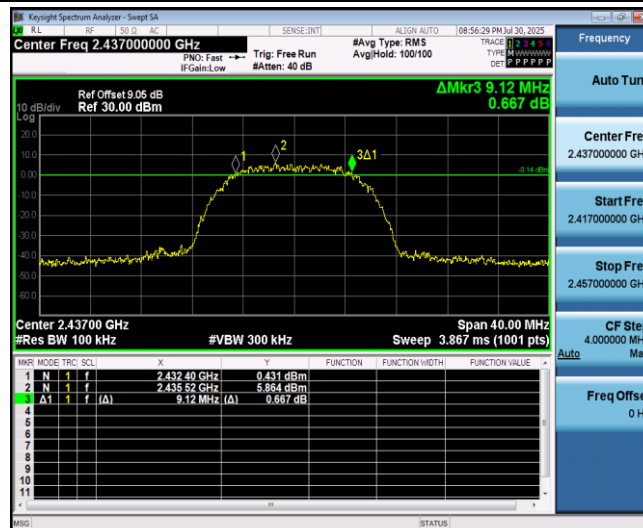
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.360	2407.080	2416.440	0.5	PASS
		2437	9.120	2432.400	2441.520	0.5	PASS
		2462	9.240	2457.280	2466.520	0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	0.5	PASS
		2437	16.480	2428.760	2445.240	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.560	2428.200	2445.760	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	18.040	2402.960	2421.000	0.5	PASS
		2437	17.720	2428.200	2445.920	0.5	PASS
		2462	17.440	2453.160	2470.600	0.5	PASS

Test Graphs

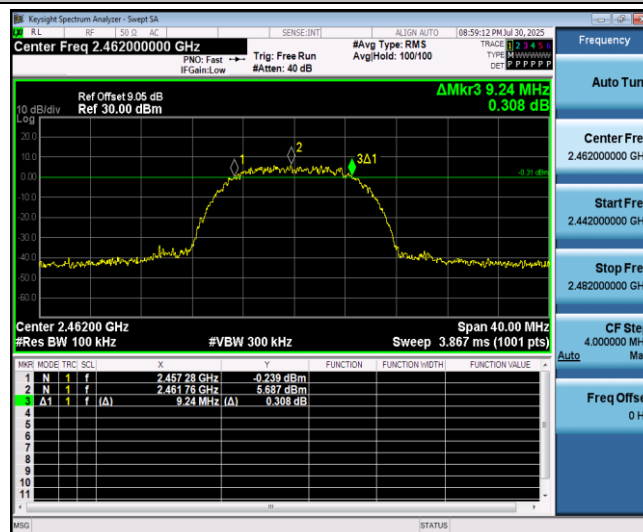
11B_Ant1_2412



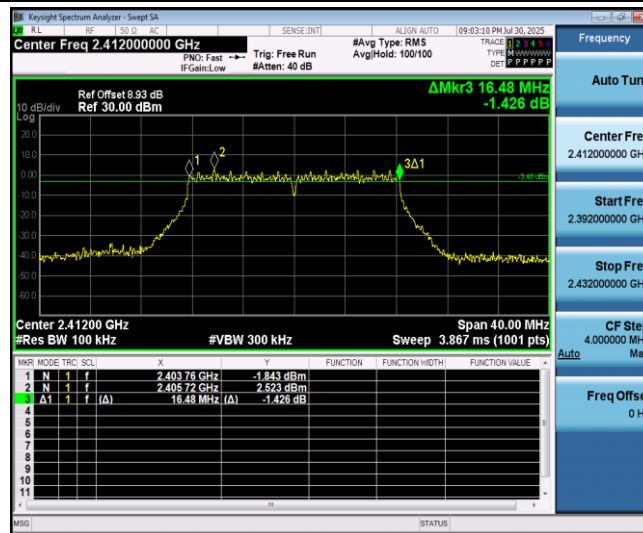
11B_Ant1_2437



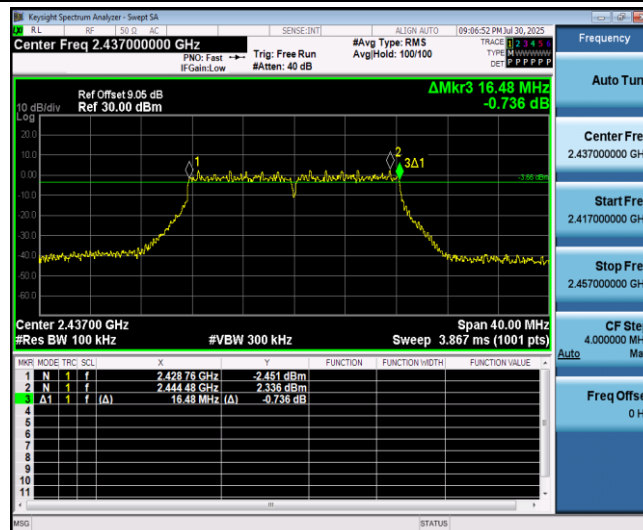
11B_Ant1_2462



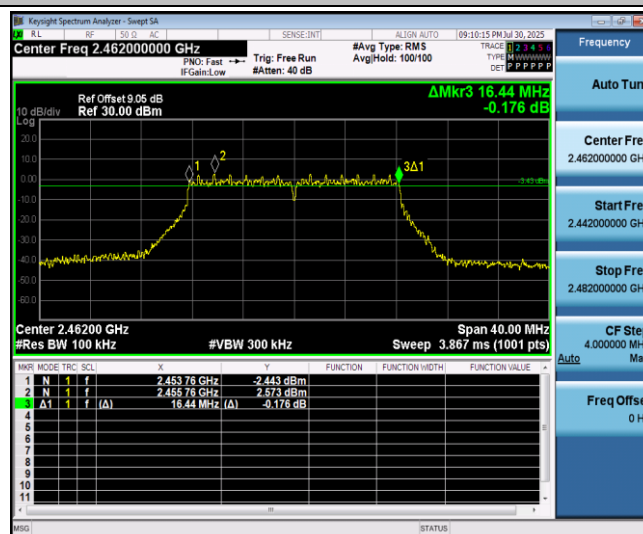
11G_Ant1_2412



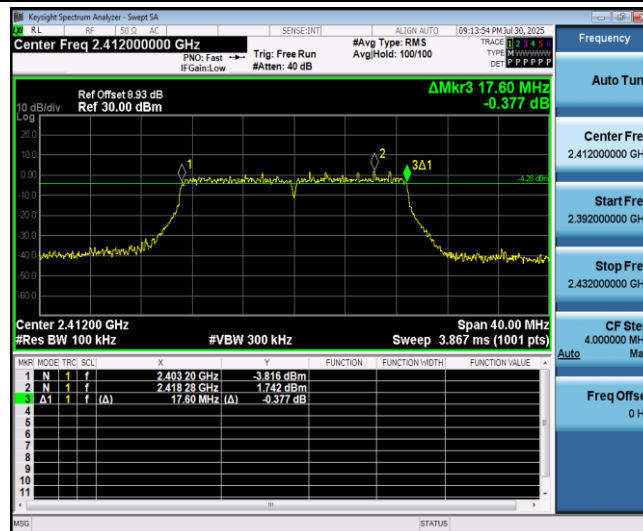
11G_Ant1_2437



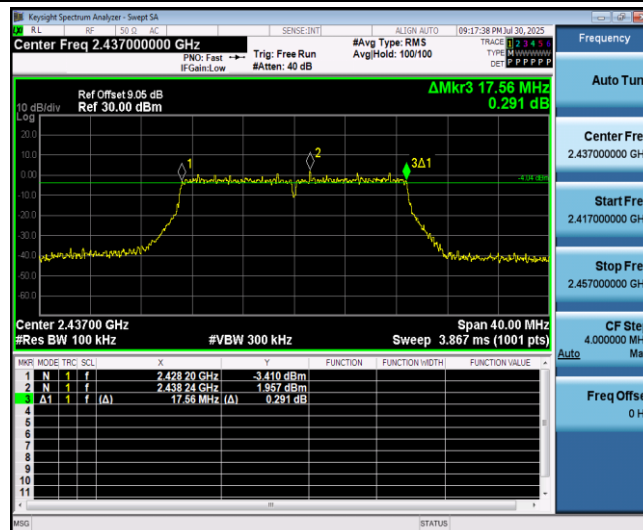
11G_Ant1_2462



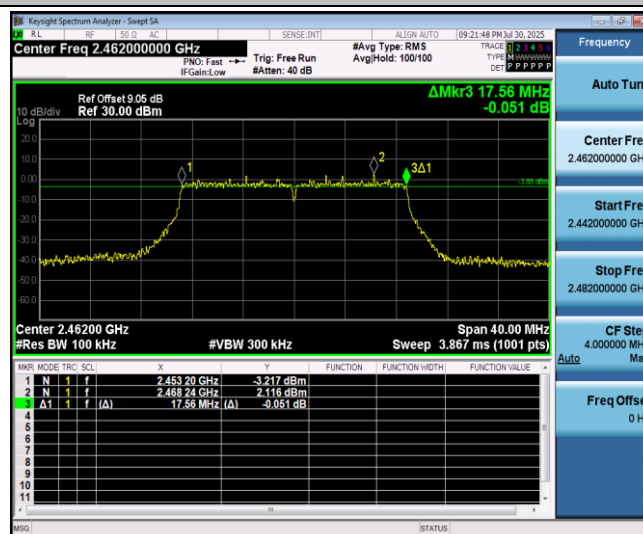
11N20SISO_Ant1_2412



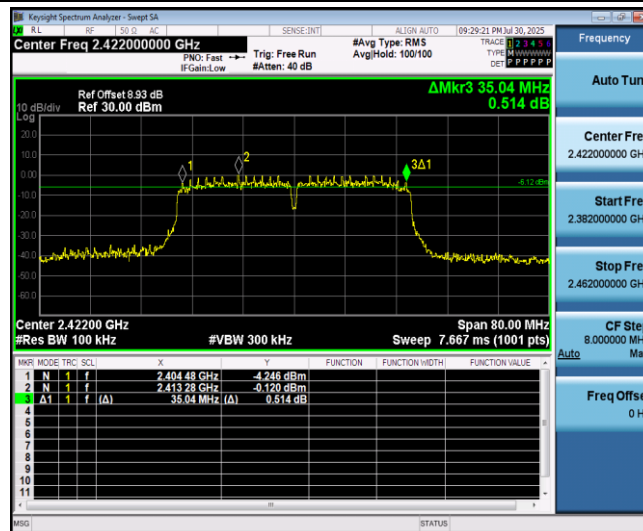
11N20SISO_Ant1_2437



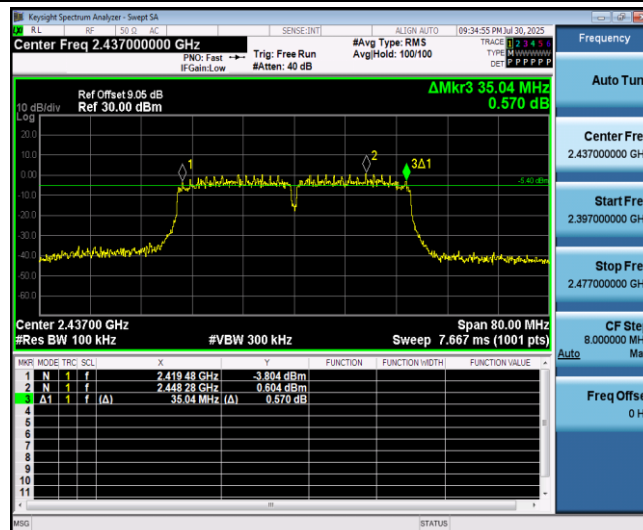
11N20SISO_Ant1_2462



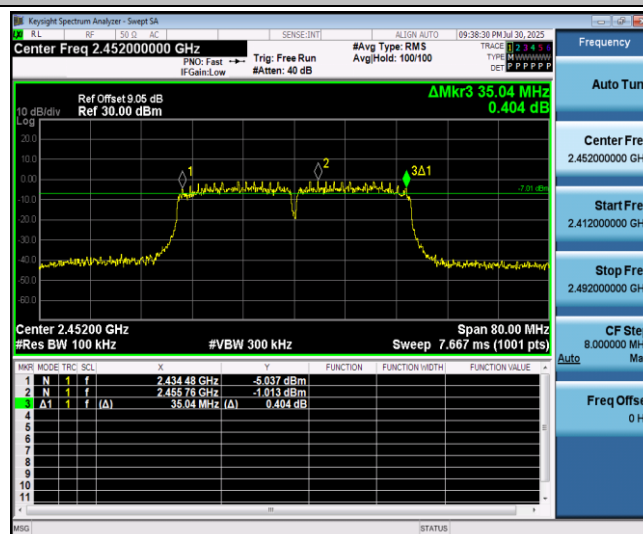
11N40SISO_Ant1_2422



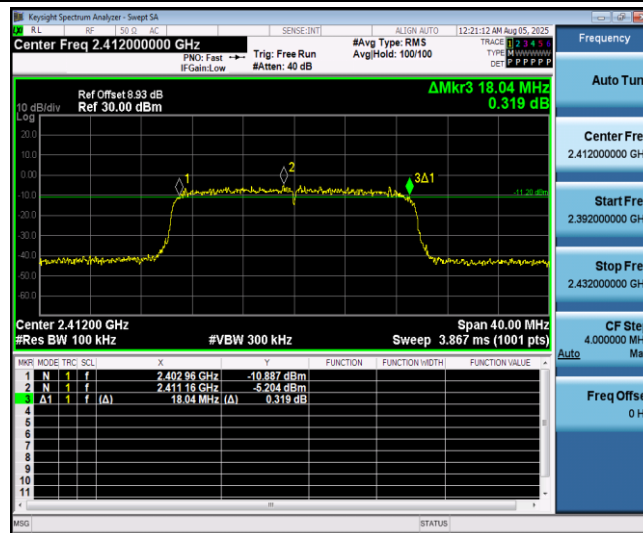
11N40SISO_Ant1_2437



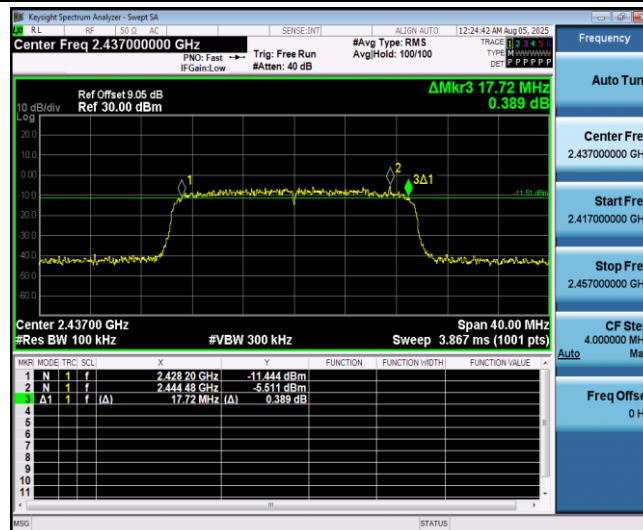
11N40SISO_Ant1_2452



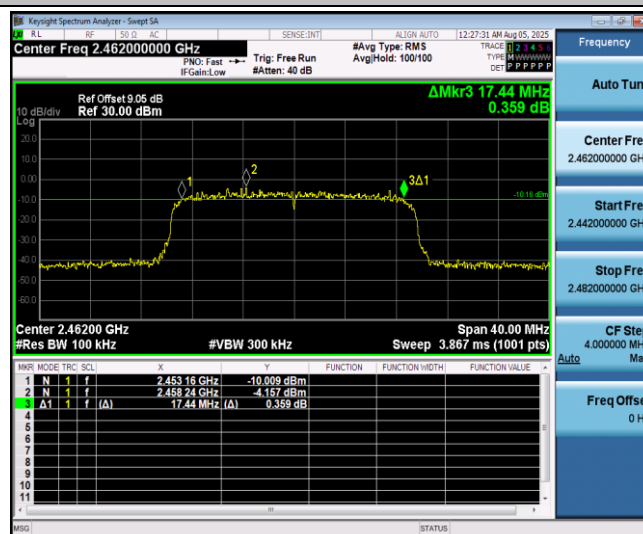
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



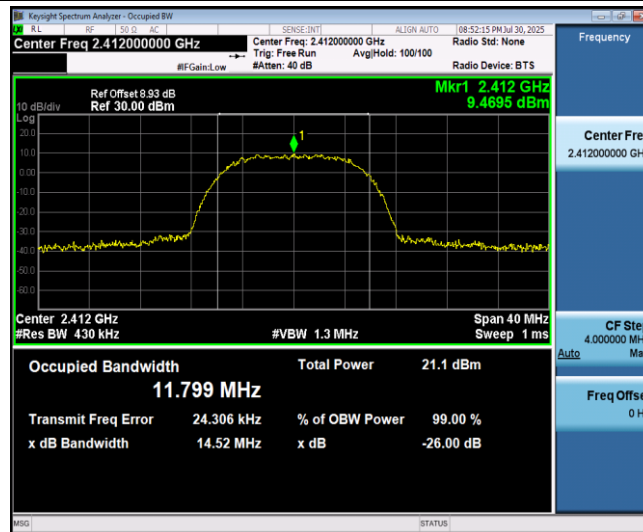
Appendix B.2: Occupied Channel Bandwidth

Test Result

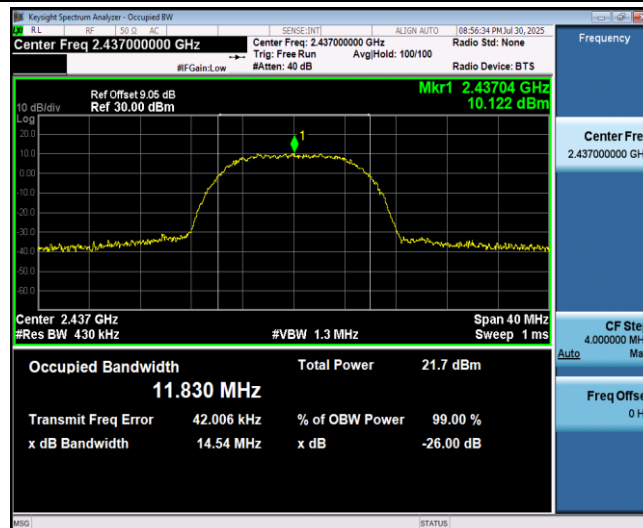
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.799	2406.1248	2417.9238	---	---
		2437	11.830	2431.1270	2442.9570	---	---
		2462	11.858	2456.0968	2467.9548	---	---
11G	Ant1	2412	16.950	2403.5122	2420.4622	---	---
		2437	16.891	2428.5360	2445.4270	---	---
		2462	16.894	2453.5034	2470.3974	---	---
11N20SISO	Ant1	2412	17.918	2403.0375	2420.9555	---	---
		2437	17.914	2428.0587	2445.9727	---	---
		2462	17.918	2453.0339	2470.9519	---	---
11N40SISO	Ant1	2422	35.986	2404.0376	2440.0236	---	---
		2437	35.978	2419.0480	2455.0260	---	---
		2452	35.901	2434.0556	2469.9566	---	---
11AX20SISO	Ant1	2412	18.522	2402.7154	2421.2374	---	---
		2437	18.573	2427.6961	2446.2691	---	---
		2462	18.510	2452.6882	2471.1982	---	---

Test Graphs

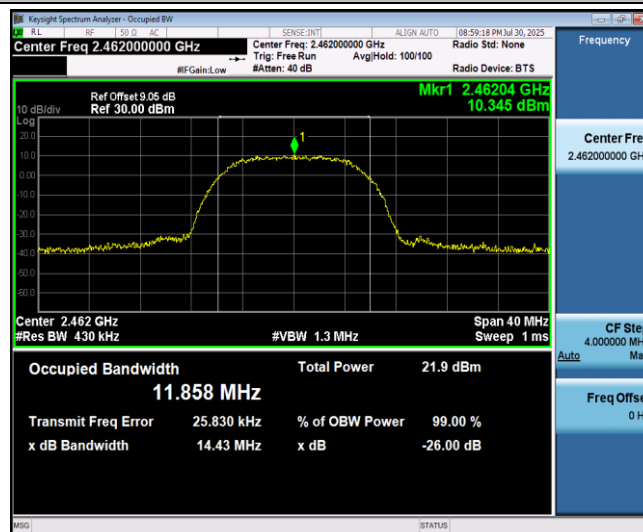
11B_Ant1_2412



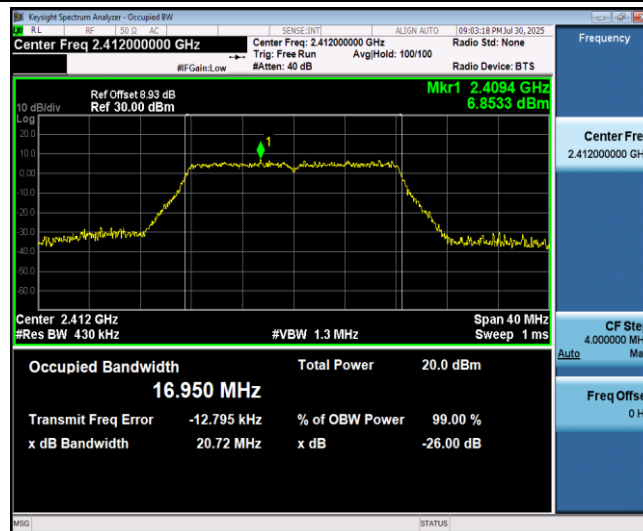
11B_Ant1_2437



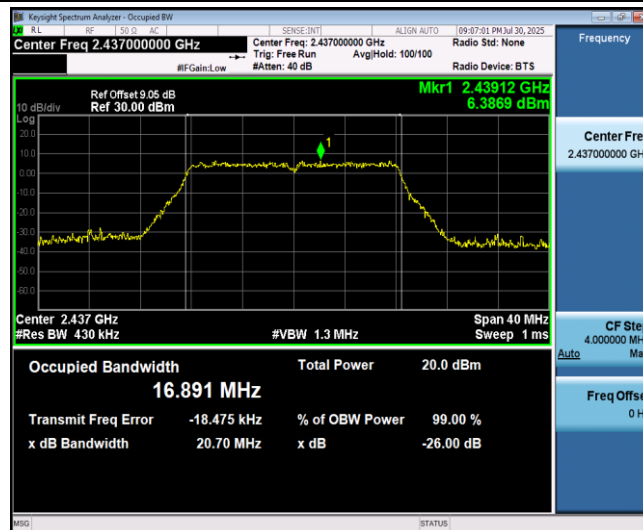
11B_Ant1_2462



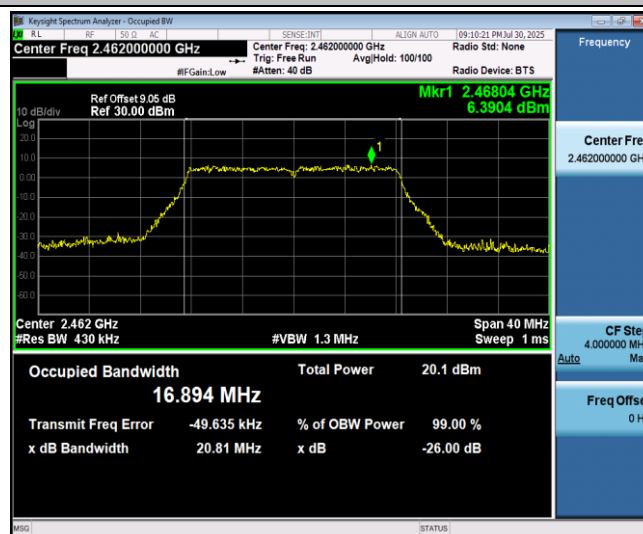
11G_Ant1_2412



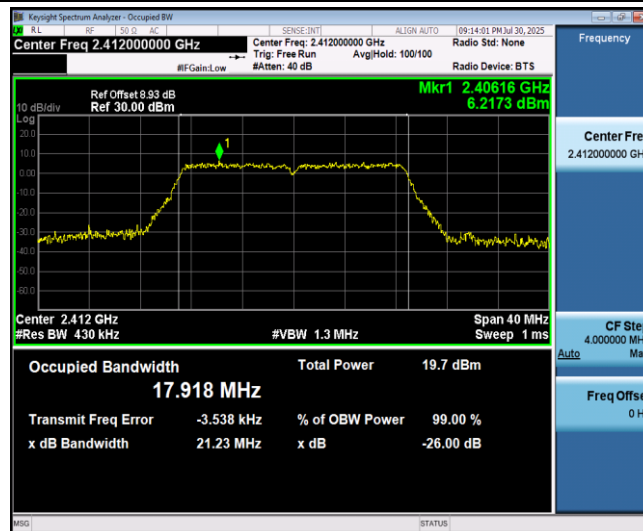
11G_Ant1_2437



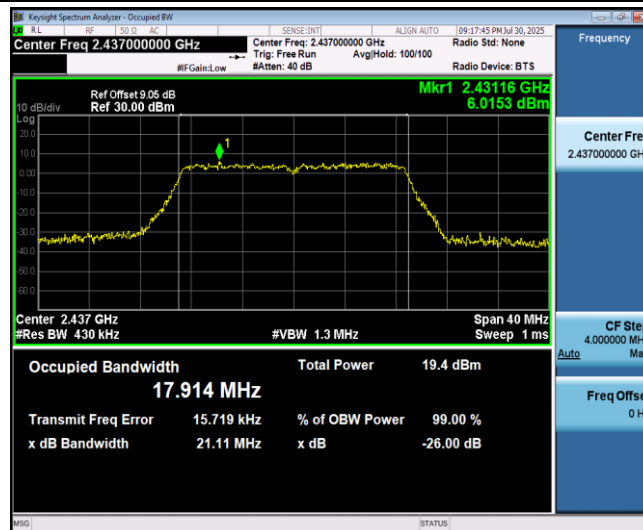
11G_Ant1_2462



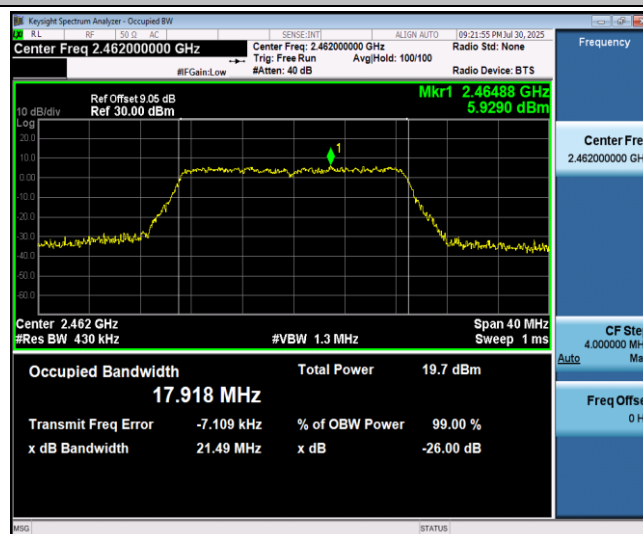
11N20SISO_Ant1_2412



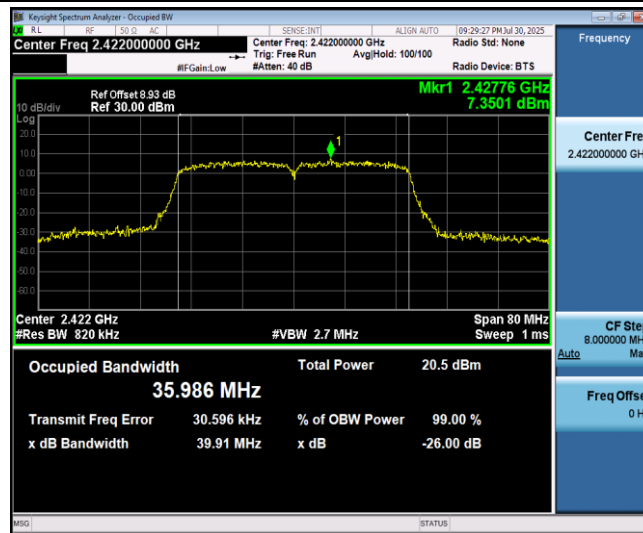
11N20SISO_Ant1_2437



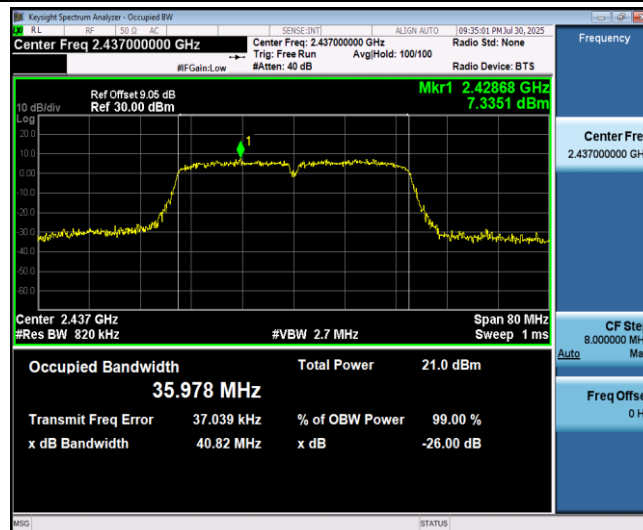
11N20SISO_Ant1_2462



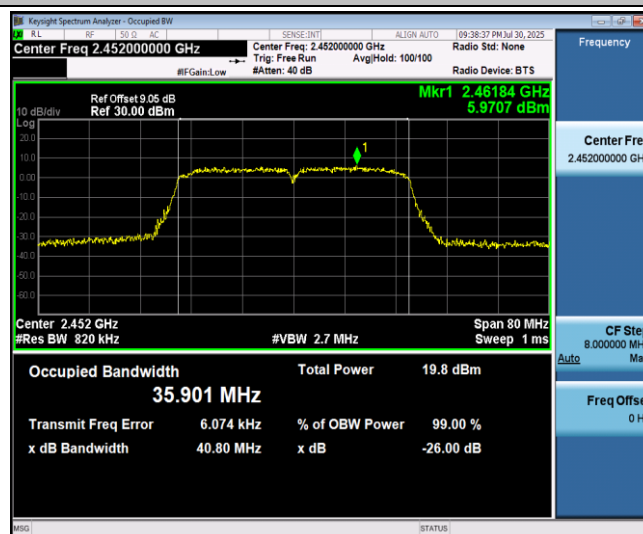
11N40SISO_Ant1_2422



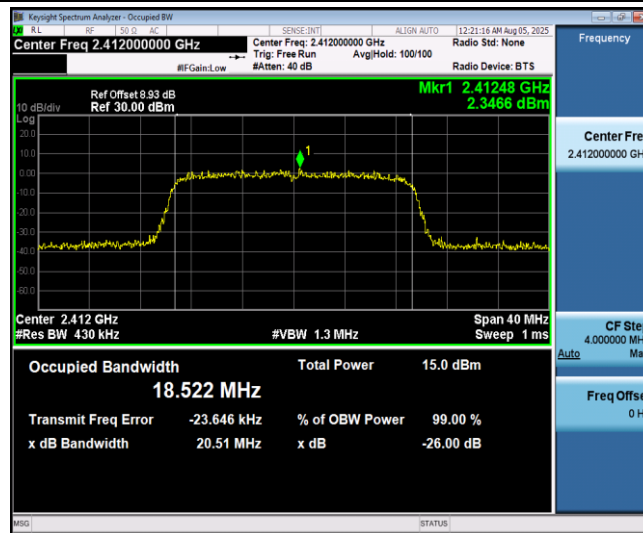
11N40SISO_Ant1_2437



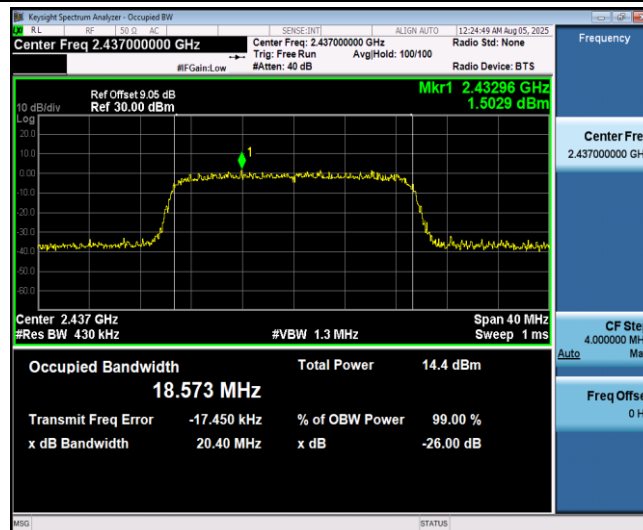
11N40SISO_Ant1_2452



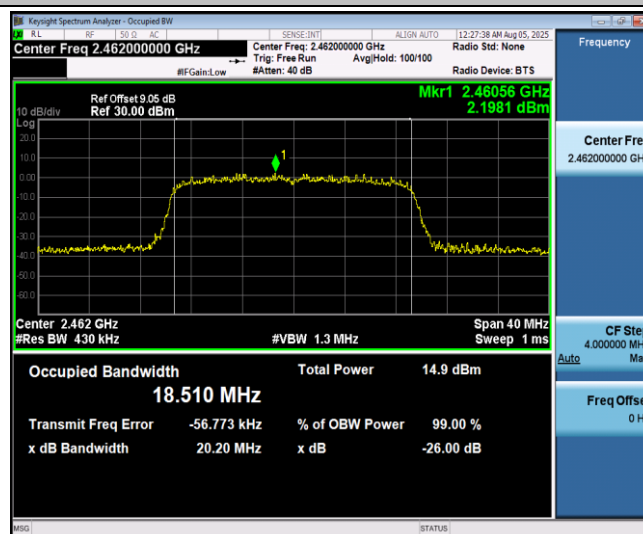
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	21.58	≤30.00	PASS
		2437	21.30	≤30.00	PASS
		2462	21.48	≤30.00	PASS
11G	Ant1	2412	21.18	≤30.00	PASS
		2437	21.02	≤30.00	PASS
		2462	21.21	≤30.00	PASS
11N20SISO	Ant1	2412	21.07	≤30.00	PASS
		2437	21.74	≤30.00	PASS
		2462	21.04	≤30.00	PASS
11N40SISO	Ant1	2422	21.67	≤30.00	PASS
		2437	21.17	≤30.00	PASS
		2452	21.98	≤30.00	PASS
11AX20SISO	Ant1	2412	20.74	≤30.00	PASS
		2437	20.00	≤30.00	PASS
		2462	20.69	≤30.00	PASS

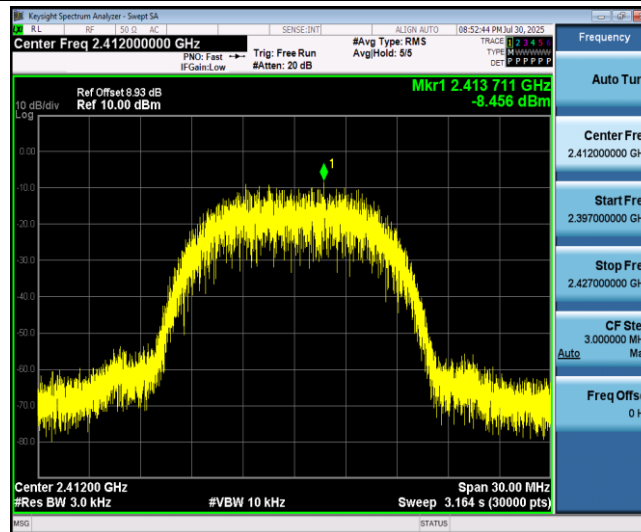
Appendix B.4: Maximum power spectral density

Test Result

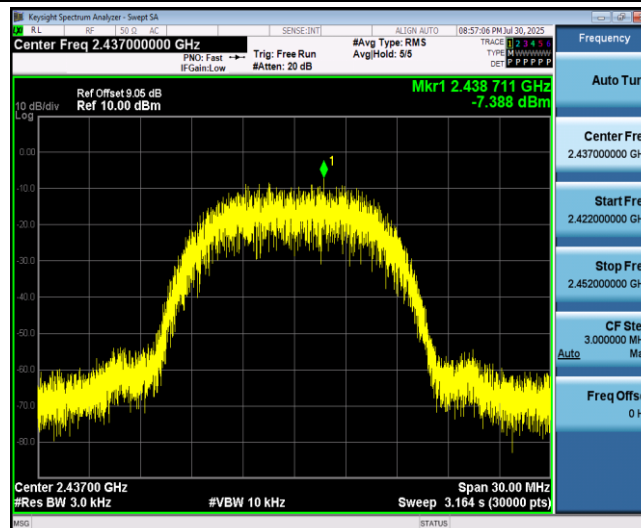
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.46	≤8.00	PASS
		2437	-7.39	≤8.00	PASS
		2462	-7.41	≤8.00	PASS
11G	Ant1	2412	-12.41	≤8.00	PASS
		2437	-13.04	≤8.00	PASS
		2462	-13.05	≤8.00	PASS
11N20SISO	Ant1	2412	-13.66	≤8.00	PASS
		2437	-13.64	≤8.00	PASS
		2462	-12.39	≤8.00	PASS
11N40SISO	Ant1	2422	-14.13	≤8.00	PASS
		2437	-13.65	≤8.00	PASS
		2452	-15.67	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.62	≤8.00	PASS
		2437	-15.22	≤8.00	PASS
		2462	-14.53	≤8.00	PASS

Test Graphs

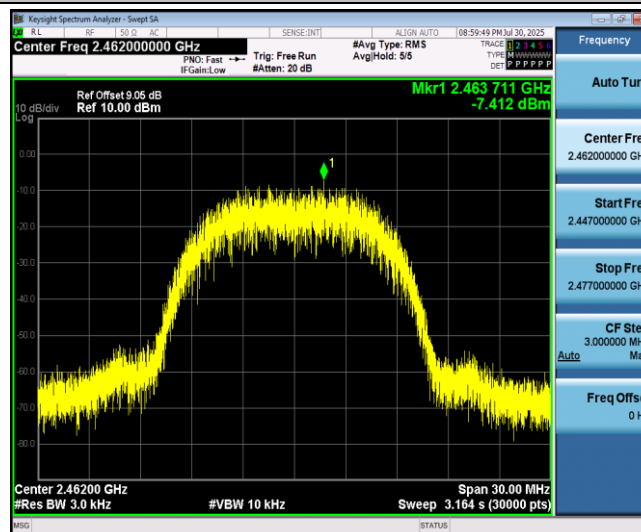
11B_Ant1_2412



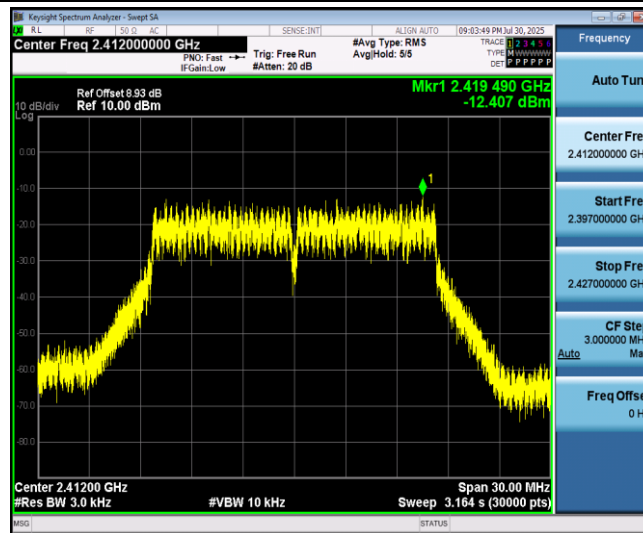
11B_Ant1_2437



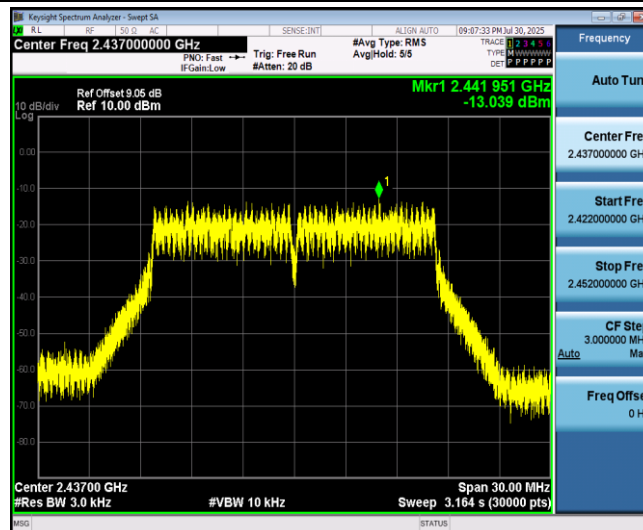
11B_Ant1_2462



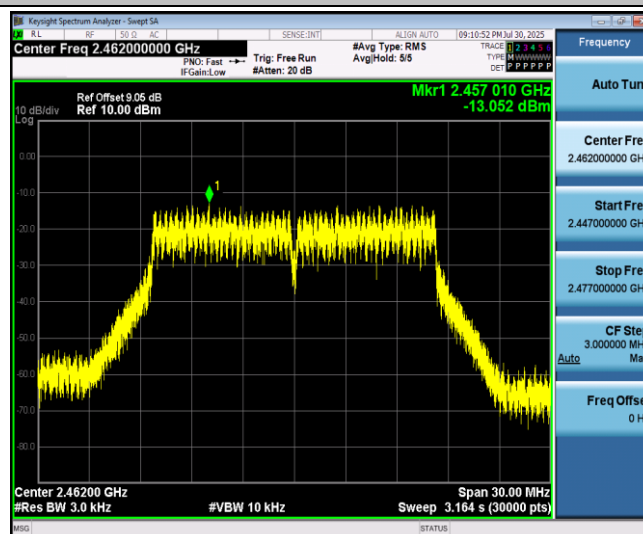
11G_Ant1_2412



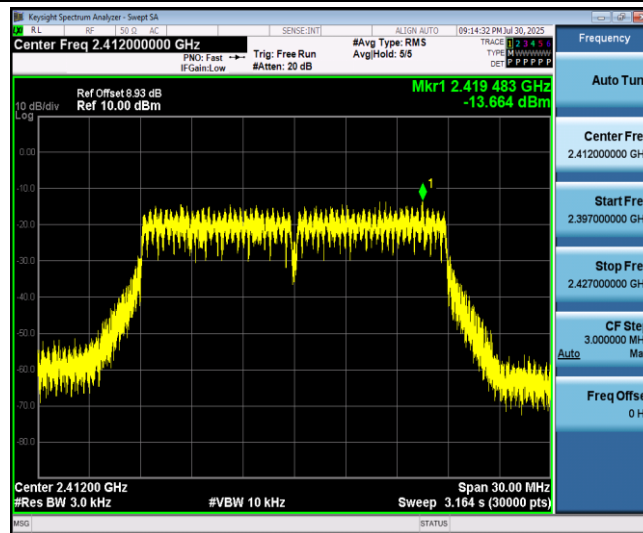
11G_Ant1_2437



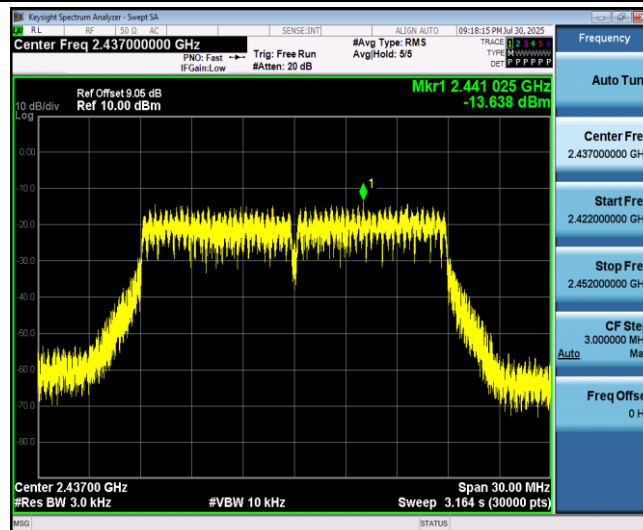
11G_Ant1_2462



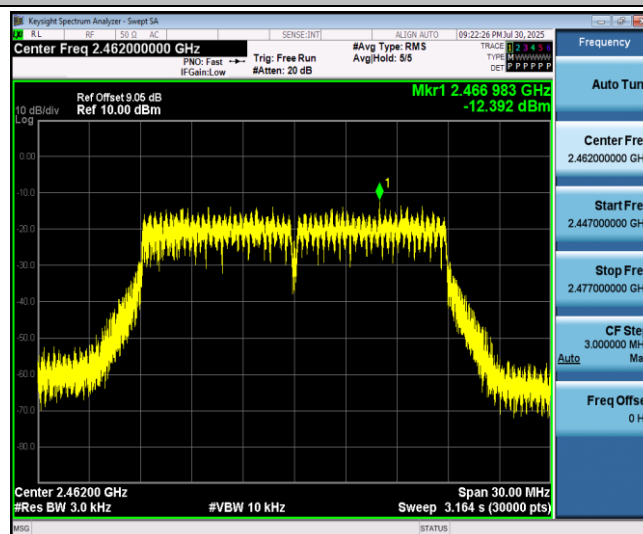
11N20SISO_Ant1_2412



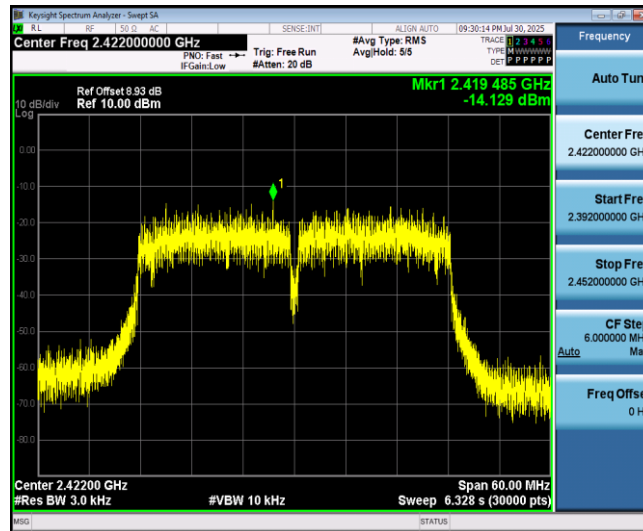
11N20SISO_Ant1_2437



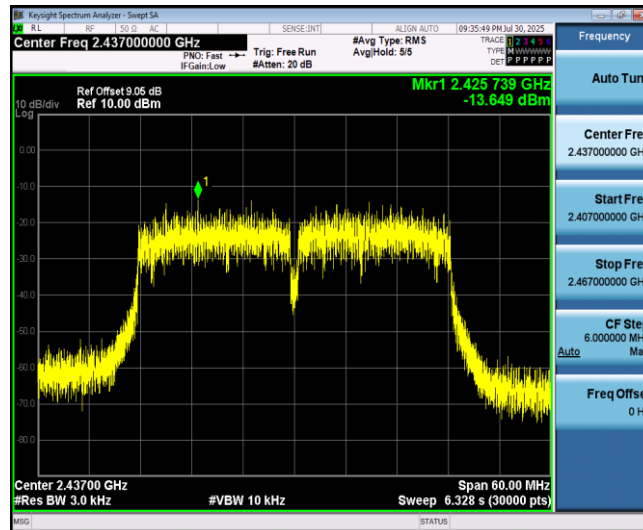
11N20SISO_Ant1_2462



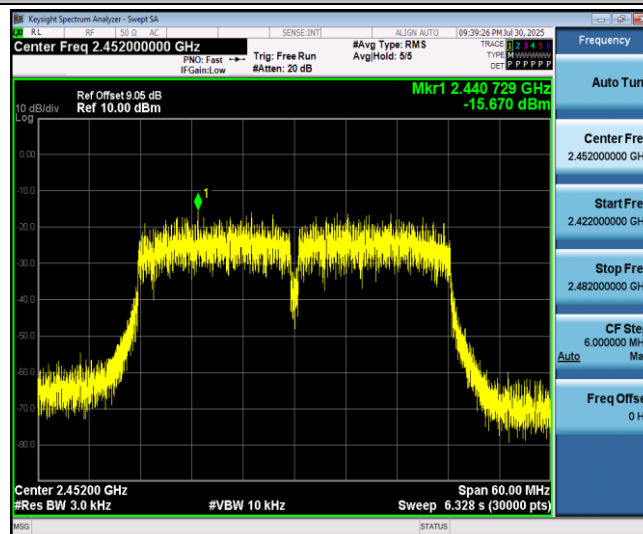
11N40SISO_Ant1_2422



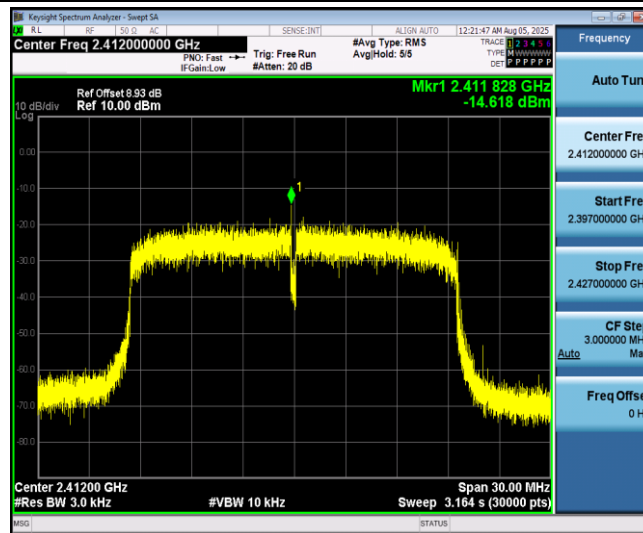
11N40SISO_Ant1_2437



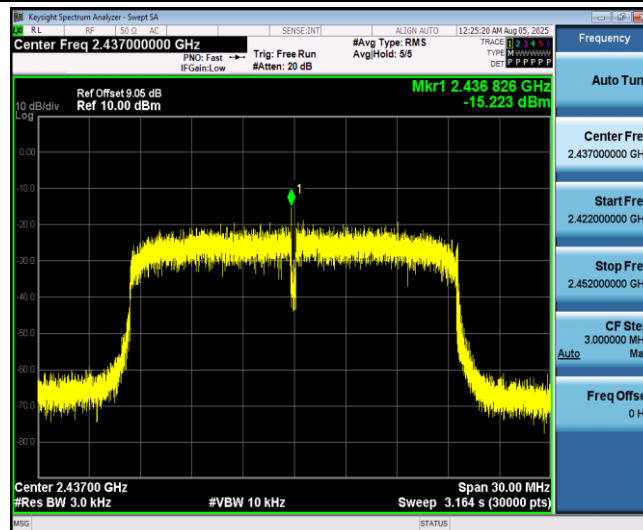
11N40SISO_Ant1_2452



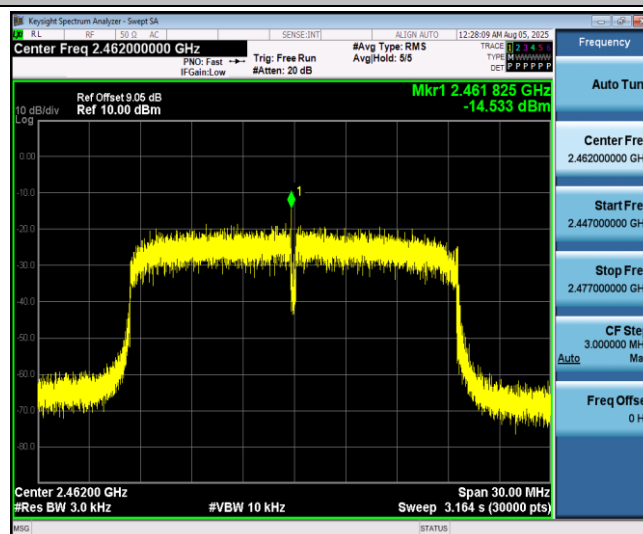
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.48	-43.83	≤ -14.52	PASS
		High	2462	6.36	-48.72	≤ -13.64	PASS
11G	Ant1	Low	2412	2.52	-35.43	≤ -17.48	PASS
		High	2462	2.68	-48.36	≤ -17.32	PASS
11N20SISO	Ant1	Low	2412	2.20	-35.14	≤ -17.81	PASS
		High	2462	2.10	-46.27	≤ -17.9	PASS
11N40SISO	Ant1	Low	2422	-0.18	-36.16	≤ -20.18	PASS
		High	2452	-0.59	-42.77	≤ -20.59	PASS
11AX20SISO	Ant1	Low	2412	-3.63	-40.25	≤ -23.63	PASS
		High	2462	-3.98	-41.59	≤ -23.98	PASS